Fig. 1

SEQ ID NO: 1

GCTCGCGAATGTAGCAGGCGCCCCAAGCTCGGTCCTCAAGAAGCCATGGCGG

AATCCAGGGGCCGTCTGTACCTTTGGATGTGCTTGGCTGCTGCGCTGGCATC

TTTCCTGATGGGATTTATGGTGGGCTGGTTTATTAAGCCTCTCAAAGAAACA

ACCACTTCTGTGCGCTATCATCAAAGTATACGGTGGAAACTGGTATCCGAAA

TGAAAGCTGAAAACATCAAATCATTTCTTCGTTCTTTTACAAAGCTTCCTCA

TCTGGCAGGAACAGAACAAAATTTCTTGCTTGCCAAGAAAATCCAAACCCAG

TGGAAGAAATTTGGACTAGATTCAGCCAAGTTGGTTCATTATGATGTCCTCT

TATCTTACCCCAATGAGACAAATGCCAACTATATCGATTGTGGATGAACA

TGAAACTGAGATTTTCAAAACATCATACCTTGAACCACCACCAGATGGCTAT

GAGAATGTTACAAATATTGTGCCACCATATAATGCTTTCTCAGCCCAAGGCA

TGCCAGAGGGAGATCTTGTATATGTGAACTATGCTCGCACTGAAGACTTTTT

CAAACTAGAAAGAGAGATGGGCATCAACTGTACTGGGAAGATTGTTATTGCA

AGATATGGAAAAATCTTCAGAGGAAATAAAGTTAAAAATGCCATGTTAGCAG

GAGCCATAGGAATCATCTTGTACTCAGATCCAGCTGACTACTTTGCTCCTGA

GGTACAGCCATATCCCAAAGGATGGAATCTTCCTGGAACTGCAGCCCAGAGA

GGAAATGTGTTAAATTTGAATGGTGCTGGTGACCCACTCACTCCAGGCTATC

CAGCAAAAGAATACACTTTCAGACTTGATGTTGAAGAAGGAGTGGGAATCCC

CCGAATACCTGTACATCCCATTGGATATAATGATGCAGAAATATTATTACGC

TACTTGGGAGGAATTGCTCCACCAGATAAGAGTTGGAAGGGAGCCCTTAATG

TGAGTTATAGTATCGGACCTGGCTTTACAGGGAGTGATTCTTTCAGGAAGGT

TAGAATGCATGTTTATAACATCAATAAAATTACAAGGATTTACAATGTAGTT

GGAACTATCAGAGGATCTGTGGAACCTGACAGGTATGTTATTCTGGGAGGTC

ACCGGGACTCCTGGGTATTTGGAGCTATTGACCCAACCAGTGGGGTTGCTGT

TTTGCAAGAAATTGCCCGGAGTTTTGGAAAACTGATGAGTAAAGGCTGGAGA

CCTAGAAGAACTATCATTTTTGCCAGCTGGGATGCAGAAGAATTTGGACTTC

TGGGTTCCACAGAATGGGCTGAGGAGAATGTCAAAATACTCCAGGAGAGAAG

CATTGCTTATATCAACTCGGATTCATCTATAGAAGGCAATTATACTCTCAGA

GTTGACTGTACTCCCCTTCTTTACCAATTAGTGTATAAACTGACAAAAGAGA

TCCCCAGCCCTGATGATGGGTTTGAGAGTAAATCACTGTATGAAAGCTGGTT

GGAAAAAGACCCTTCACCTGAAAATAAAAATTTGCCTAGAATCAATAAGCTG
GGATCTGGAAGTGACTTTGAAGCTTATTTTCAGAGACTTGGAATTGCTTCAG
GCAGAGCCCGTTACACTAAGAATAAGAAACAGATAAGTACAGCAGCTACCC
AGTGTACCACACAATTTATGAGACATTTGAATTGGTAGAGAAATTTTATGAC
CCCACATTTAAAAAACAACTTTCTGTGGCTCAATTACGAGGAGCACTGGTAT
ATGAGCTTGTGGATTCTAAAATCATTCCTTTTAATATTCAAGACTATGCAGA
AGCTTTGAAAAACTATGCAGCAAGTATCTATAATCTATCTAAGAAACATGAT
CAACAATTAACAGACCATGGAGTATCATTTGACTCCTTATTTTCTGCTGTGA
AAAACTTCTCAGAGGCTGCTTCAGATTTTCATAAACGACTTATACAAGTTGA
TCTTAACAATCCCATTGCAGTGAGAATGATGAATGACCAACTGATGCTCCTG
GAAAGAGCATTCATCGATCCTCTTGGTTTACCAGGAAAGCTGTTCTATAGGC
ACATCATATTTGCTCCAAGTAGCCACAACAAATATGCTGGAGAATCATTTCC
TGGAATCTATGATGCTATCTTTGATATTGAAAATAAAGCCAACTCTCGTTTG
GCCTGGAAAGAAGTAAAGAAACATATTTCTATTGCAGCTTTTACAATTCAAG
CAGCAGCAGGAACTCTGAAAGAAGTATTATAGAAGGTCTCAAGTGGCTAGCC
ATTAAAGGTGTTGCTAAAGTCTGAGGATAAAATTCACCTTTCTGATAACTT
ATGAAGCCAGGGTGTTCTAAACTCTTTTCATGTCATGTTTTGATTATAGGCT
TTGGTCTTTTCATCTGCAAAGCCTTTTTTTTTTTTGCTCTTTAAAAGTTAAT
AATTATATTAGCAAAGTGTTAATCTAATGAAGTAAAAAACTCCTGTGTGGCA
GAAAGTAAAAGAAAATTCCCTAAATTATAGCAAGGAACATGAATTCTCAGAC
ATTGTGAGTGTGGGAATGTAAAATGGTAAAATCACTTTTGAAAACAGTTTGG
CAGTTTCCTATAAAGTTAAACATACACTTTTACTTTAGGACTCCAGAATTCC
ACTTCTAGTTATTTATTCAAGAGAAGGAAAAACAATGATCACAGCAATACTT
GTATGCATGTTCATTGCAACTTAAAAGCGTAAAAACCCCAAATGTCCATCCA
CAGACGAATGTATAAACTGTGGTATCCATTACACAATAGACTACTTACTACT
CAGCAATAAAAATGAAGTAACTTTCAATAAATGCAATATTATTGGCAGACAT
TGTTGAAGGAAAAAGCCAGACAAACAACTACATAAAATATGTTTCTATTTA
GATGAAGTGGCAAACTAATCTGTAGTGTTAAAAATTAGATTAGTGATTGCCT
GGGCCAAGTGGCAGGTTGGGGAGGATGGCTGCAAAGAAGTATGAGGAAACTT
TCTCCAATAGATGAGAATTTTCCGTATCTTGATCTGAGTGGCAAATTGTAAA

CTTAAAATATATATAAAATTTATTGAAAGAAAATTAAGCCTCAATAAACGTG
ATTATAAAAAAAAAAAAAAAAAGGGCGGCCGC

Fig. 2

SEQ ID NO: 2

MAESRGRLYLWMCLAAALASFLMGFMVGWFIKPLKETTTSVRYHQSIRWKLV
SEMKAENIKSFLRSFTKLPHLAGTEQNFLLAKKIQTQWKKFGLDSAKLVHYD
VLLSYPNETNANYISIVDEHETEIFKTSYLEPPPDGYENVTNIVPPYNAFSA
QGMPEGDLVYVNYARTEDFFKLEREMGINCTGKIVIARYGKIFRGNKVKNAM
LAGAIGIILYSDPADYFAPEVQPYPKGWNLPGTAAQRGNVLNLNGAGDPLTP
GYPAKEYTFRLDVEEGVGIPRIPVHPIGYNDAEILLRYLGGIAPPDKSWKGA
LNVSYSIGPGFTGSDSFRKVRMHVYNINKITRIYNVVGTIRGSVEPDRYVIL
GGHRDSWVFGAIDPTSGVAVLQEIARSFGKLMSKGWRPRRTIIFASWDAEEF
GLLGSTEWAEENVKILQERSIAYINSDSSIEGNYTLRVDCTPLLYQLVYKLT
KEIPSPDDGFESKSLYESWLEKDPSPENKNLPRINKLGSGSDFEAYFQRLGI
ASGRARYTKNKKTDKYSSYPVYHTIYETFELVEKFYDPTFKKQLSVAQLRGA
LVYELVDSKIIPFNIQDYAEALKNYAASIYNLSKKHDQQLTDHGVSFDSLFS
AVKNFSEAASDFHKRLIQVDLNNPIAVRMMNDQLMLLERAFIDPLGLPGKLF
YRHIIFAPSSHNKYAGESFPGIYDAIFDIENKANSRLAWKEVKKHISIAAFT
IQAAAGTLKEVL

Fig. 3

SEQ ID NO: 3

5'-gccgtctgtacctttggatg-3'

Fig. 4

SEQ ID NO: 4

5'-agcccaccataaatcccatc-3'

Fig. 5

SEQ ID NO: 5

5'-ctgctgcgctggcatctttcct-3'